

BLAU, Yu.I.

Surgical hemodynamics in a radical subtotal resection of the
pericardium. Trudy Inst. klin. i eksp. khir. AN Kazakh. SSR
9:55-59 '63. (MIRA 17:12)

MESHALKIN, Ye.N., prof.; BLAU, Yu.I.; BELYAYEV, P.A.

Clinical aspects and surgical treatment of tuberculous adhesive pericarditis. Probl. tub. 42 no.10:20-25 '64.

(MIRA 18:11)

1. Institut eksperimental'noy biologii i meditsiny (ispolnyayushchiy obyazannosti direktora- dotsent Yu.I. Borodin; nauchnyy rukovoditel'- prof. Ye.N. Meshalkin) Ministerstva zdavookhraneniya RSFSR, Novosibirsk.

II. 2.

Two-wire and four-wire communications. p. 86.

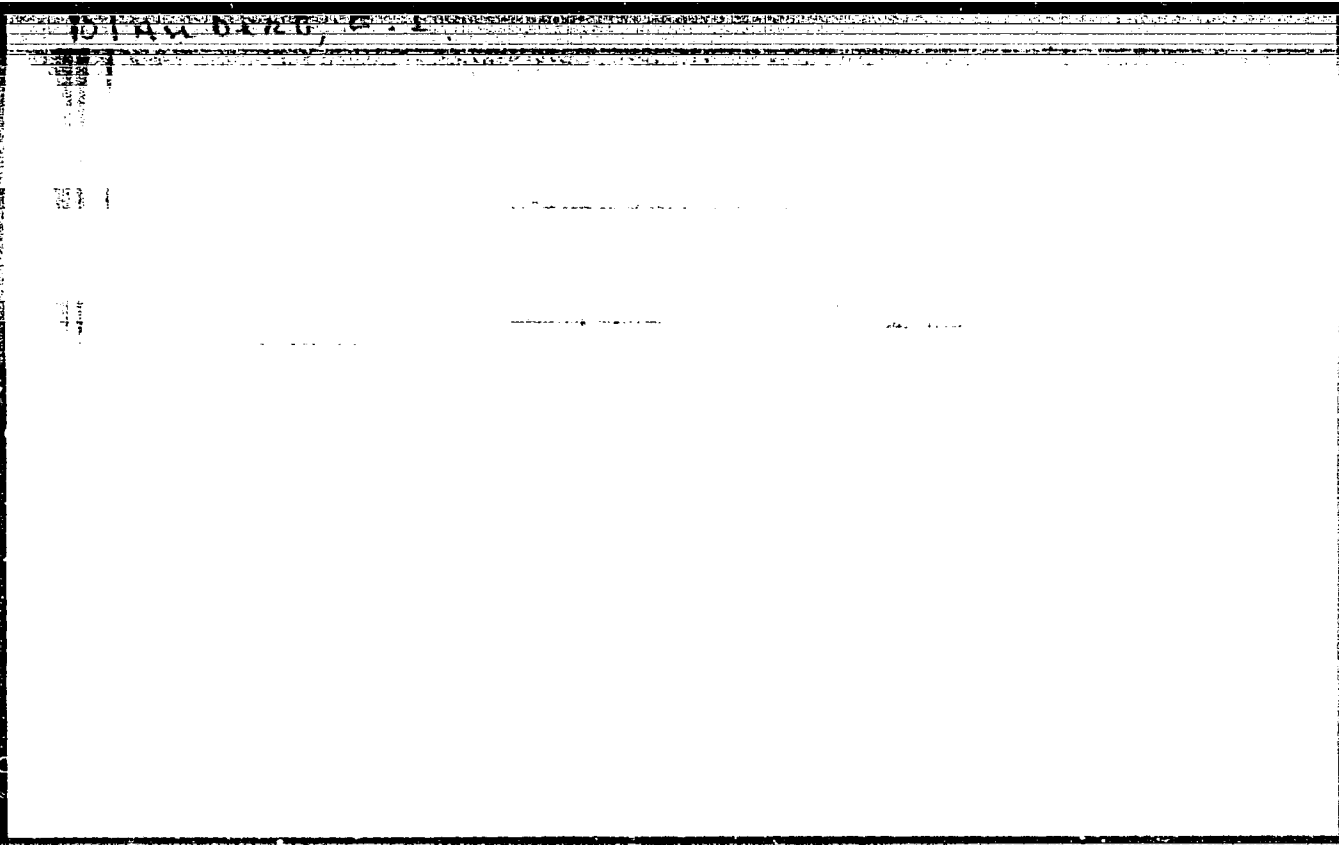
VOJNO-TEHNIKI GLASNIK. Beograd, Yugoslavia. Vol. 3, no. 11, Nov. 1955.

Monthly List of East European Accessions (EMAI) LC, Vol. , no. 9, Sept. 1959.

Uncl.

"APPROVED FOR RELEASE: 08/22/2000

CIA-RDP86-00513R000205510009-9



APPROVED FOR RELEASE: 08/22/2000

CIA-RDP86-00513R000205510009-9"

1. 1980-85 INT(1)/EWATE) PDB APID/180/461/APETR (ACD/111) 1980-85
ACCUSSION NR: AP404RR08 AEDCI: S/0286/64/000/012/000 4 0004

AUTHOR: Karp, Yu. S. Polipyko, V. A., Kruss, I. P., Blonberg, Ya. Ya.
Lukstap, G. B.

TITLE: Device for examining weak instabilities of feedback currents
of junction semiconductor instruments. Class 42. No. 13.

So. 111. Replenish' izobreteniy i tovarnykh znakov, no. 13. 1. 1980.

TOPIC TAGS: semiconductor equipment, magnetic amplifier, current sensor,
automatic control

TRANSLATION: A device for examining weak instabilities of feedback currents
of junctions of semiconductor instruments, containing a two-cycle, two-half-
period magnetic amplifier used as a current sensor, a capacitive memory ele-
ment, comparison circuit which processes a signal of predetermined polarity,
independent of the polarity of the signals of instability, and an indication
circuit. The distinguishing feature is automation of the process of examina-
tion and recording of errors made by the operator. Parallel to the examina-

L 8850-65

ACCESSION NR: AP4048808

amplifier load a memory element is connected which fixes the voltage proportional to the magnitude of the feedback current of the testing

ASSOCIATION: Institut elektroniki i Vychislitel'noi tekhniki Akademiya Nauk SSSR (Institute of Electronics and Computer Technology, Academy of Sciences of the USSR)

SUBMITTED: 14May63

ENCL: 01

SUBJECT: 1111

NO EFF SOV: 000

OTHER: 000

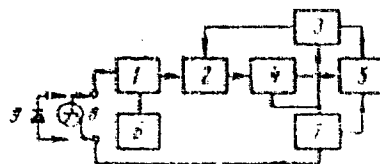
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1 2850 48

ACCESSION NR: AP4048808

ENCLOSURE



Keys: 1 - two-cycle two-half-period magnetic amplifier; 2 - comparison circuit; 3 - electronic time relay; 4 - trigger; 5 - commutation circuit; 6 - stabilized voltage source; 7 - device supply source; 8 - tested transistor; 9 - tested diode

Cord 3/3

BLAUHUT, W.

What is the processing technique? Working methods and problems. Tr. from the German. p. 77.

(Magyar Kemikusok Lapja. Vol. 12, no. 3, Mar. 1957. Budapest, Hungary)

SO: Monthly List of East European Accessions (MEAL) LC, Vol. 6, no. 10, October 1957. Uncl.

BLAUNSHTEYN, I., Inzhener.

Automatic charging of hammer mills. Muk.-elev.prom. 22 no.4:27
Ap '56. (MIRA 9:8)

1. Khar'kovskiy mel'nichnyy kombinat No. 2.
(Grain-milling Machinery)

SOV/138.-58-6-9/25

AUTHORS: Blaunshteyn, I.M., and Berman, M.L.

TITLE: ~~The Use of the Radioactive Isotope of Sulphur~~
(Primeneniye radioaktivnogo izotopa sery)

PERIODICAL: Kauchuk i Rezina, 1958, Nr 6, pp 31 - 33 (USSR)

ABSTRACT: The properties of rubbers depend not only on their composition, but to a large degree on the conditions of mixing and vulcanisation. To obtain uniform physico-mechanical properties it is necessary to achieve a very even distribution of the ingredients in the rubber. The addition of sulphur to the rubber during vulcanisation is most important. As a first approximation the strength of the vulcanisate is proportional to the quantity of bound sulphur (Ref. 1). The distribution of sulphur in hose rubber was investigated, and the dependence of the physical-mechanical properties of these rubbers on the method of introducing sulphur into the mixture. The investigations were carried out with the aid of the radioactive isotope S-35 which was diluted by dissolving active and inactive sulphur in benzene, toluene or in carbon tetrachloride. Five methods were investigated, by

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The Use of the Radioactive Isotope of Sulphur

introducing: (1) pure sulphur, (2) sulphur in master batches, preferably compounded with the rubber in a ratio 1:1, (3) sulphur in a mixture with kaolin (1:6), (4) sulphur in a mixture with the plasticiser PP - 75% paraffin + 25% petrolatum (1:3), (5) sulphur in admixture with vaseline oil (3:1). The mixtures were prepared in the laboratory mixer Nr 2; conditions of mixing were kept constant. The activity was measured by calculating the impulses in a type B counter, and by autoradiography of NIKFI laminae. The rubber samples had a 20 mm diameter. It was found that in the vulcanised rubber the sulphur migrates to the surface at a much reduced rate, and that the uniform distribution of the sulphur in the rubber depends on the method of introducing the sulphur into the mixture (Fig 1 and Table 2). The physico-mechanical properties of the rubbers were found to be

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The Use of the Radioactive Isotope of Sulphur

uniform if the sulphur was distributed evenly (Fig 2).
It is recommended that the sulphur should be added to
the rubber in admixture with vaseline oil.

There are 2 figures, 3 tables and 2 references (Soviet).

ASSOCIATION: Tashkentskoye otdeleniye NIIKP (Tashkent Department
NIIKP).

1. Rubber--Production 2. Rubber--Properties 3. Sulfur
isotopes (Radioactive)--Applications

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8/166/60/000/005/000/008
C111/C222

AUTHORS: Starodubtsev, S.V., Academician of the Academy of Sciences
Uzbekskaya SSR, and Blaunshteyn, I.M.

TITLE: Radiolysis of Some Inorganic Combinations in the Field of an
Intensive Gamma Radiation

PERIODICAL: Izvestiya Akademii nauk Uzbekskoy SSR, Seriya fiziko-
matematicheskikh nauk, 1960, No.5, pp.77-80

TEXT: Pulverized and gaseous inorganic combinations were radiated by
 γ -rays of Co^{60} in a glass cylinder. The results are given in the
following diagrams:

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S/166/60/000/005/006/008
C111/C222

Radiolysis of Some Inorganic Combinations in the Field of an Intensive Gamma Radiation

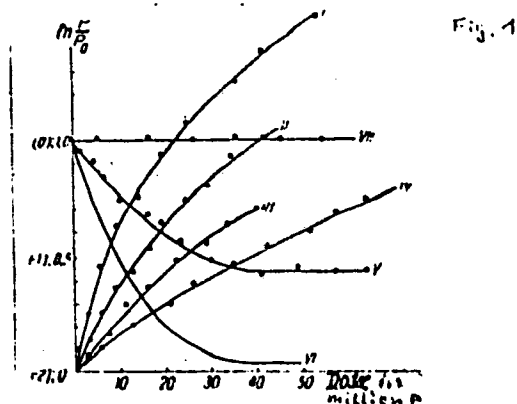


Fig.1: Relative change of the pressure in the volume for a radiation of the objects in dependence on the dosage of the radiation [for glass and quartz the coordinate origin is removed into the point (0.1)]:

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C111/C222

Radiolysis of Some Inorganic Combinations in the Field of an Intensive Gamma Radiation

I. $\text{Ba Cl}_2(\text{Cl}_2)$; II $\text{Ba C O}_3 (\text{CO}_2\text{O}_2)$; III $\text{Mg O} (\text{O}_2)$; IV $\text{Ba O} (\text{O}_2)$, - the parantheses contain the composition of the gas separated during the radiation; V - Zn O ; VI - Si O_2 powder; Na Cl, Cu Cl, glass.

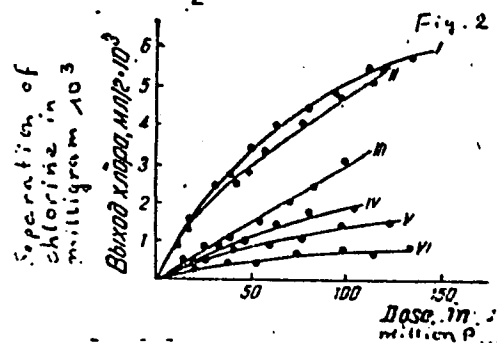


Fig.2. The dependence of the separation of gas of 1 gram of salt on the
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S/166/60/000/005/006/008
C111/C222

Radiolysis of Some Inorganic Combinations in the Field of an Intensive Gamma Radiation

dose of radiation for a decreasing (from I to VI) specific surface.

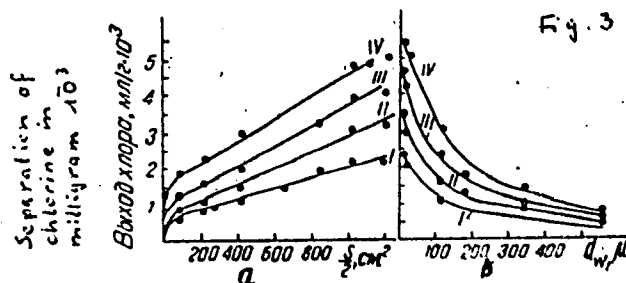


Fig.3. The dependence of the separation of gas of 1 gram of salt on the specific surface (a) and on the most probable diameter of the particles of a different order of magnitude (b) for the same radiation. The curves I,II,III,IV correspond to the radiation dosages 30, 50, 70, 100 million p. The complete results for Ba Cl_2 are given in the following table:

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C111/C222

Radiolysis of Some Inorganic Combinations in the Field of an Intensive Gamma Radiation

radiation dose million p	absorbed energy ev $\times 10^{-21}$	number of appearing chlorine molecules $N \times 10^{-16}$	separation of chlorine molecules per 100 ev of absorbed energy, $\theta \times 10^3$
30	1.14	6.17	4.30
50	2.40	9.25	3.85
70	3.37	11.80	3.55
100	4.80	13.90	2.88

There are 4 figures, 1 table and 9 references: 4 Soviet and 5 American.

ASSOCIATION: Fiziko-tekhnicheskiy institut AN Uz SSR (Physical-Technical Institute of the Academy of Sciences Uzbekskaya SSR)

SUBMITTED: July 9, 1960

Card 5/5

33099

S/638/61/001/000/022/056

B104/B138

5.4600 2209, 1273

AUTHORS: Blaunshiteyn, I. M., Starodubtsev, S. V.

TITLE: Radiolysis of some inorganic compounds by intense gamma irradiation

SOURCE: Tashkentskaya konferentsiya po mirnomy ispol'zovaniyu atomnoy energii. Tashkent, 1959. Trudy. v. 1. Tashkent, 1961, 163 - 168

TEXT: The gas yield during γ -irradiation of KMnO_4 , LiH , CaCO_3 , BaCl_2 , glass powder, quartz, and other materials, was determined in preliminary tests. Thermally stable BaCl_2 was most sensitive to X rays. Its gaseous radiolysis products were analyzed with a mass spectrometer. A weighed amount of BaCl_2 was sealed into a glass cylinder, and degassed by heating at 300°C for several hours. After sealing off pressure was $\sim 10^{-4}$ mm Hg. After several days it was irradiated with a Co^{60} source (330,000 r/hr). Maximum dose was 150 million r. BaCl_2 fractions were prepared by 40 - 81 μ Card 1/3

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S/638/61/001/000/022/056

B104/B138

Radiolysis of some inorganic ...

mesh screens. The authors determined the gas generation (Cl_2) as a function of particle size and dose, as a function of specific surface for one dose, and as a function of the most probable diameter of particles of various fractions. Results:

Dose, million r	Energy absorbed, $\text{ev} \cdot 10^{-21}$	Amount of chlorine molecules formed, $\text{Cl}_2 \cdot 10^{-16}$	Molecular yield per 100 ev absorbed energy, $\text{N} \cdot 10^3$
30	1.14	6.17	4.30
50	2.40	9.25	3.85
70	3.37	11.80	3.55
100	4.80	13.90	2.88

The reduction of gas generation with increasing dose is attributed to increased recombination in the presence of a large number of dissociated molecules. The energy absorbed seems to be dissipated on several simultaneous processes: recombination, diffusion and overcoming lattice potential barriers, de-excitation of excited molecules, heating the lattice.
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33099

S/638/61/001/000/022/056

B104/B138

Radiolysis of some inorganic ...

etc. Radiolysis is explained as follows: The Cl^- ions form atomic chlorine, diffuse and recombine with other chlorine atoms to molecular chlorine, or with the BaCl radical or with Ba. Metallic barium is also formed. There are 5 figures, 1 table, and 9 references: 4 Soviet and 5 non-Soviet. The four references to English-language publications read as follows: Hennig, G., Less, R., Mathesson, M., The Journal of Chemical Physics, 21, 4, 664, 1953; Ard W. B., J. Chem. Phys., 23, 597, 1955; Glasher A., Weidenfeld L., J. Am. Chem. Soc., 74, 2464, 1952; Doigan R., Davis T. W., J. Phys. Chem., 56, 764, 1952.

ASSOCIATION: Fiziko-tekhnicheskiy institut AN UzSSR (Physicotechnical Institute AS Uzbekskaya SSR)

X

Card 3/3

13249

S/844/62/000/000/118/129
D207/D307

27 2200
AUTHORS: Starodubtsev, S. V. and Blaunshteyn, I. M.

TITLE: Changes in the magnetic properties of inorganic solids
in a field of intense γ radiation

SOURCE: Trudy II Vsesoyuznogo soveshchaniya po radiatsionnoy khimii. Ed. by L. S. Polak. Moscow, Izd-vo AN SSSR, 1962, 683-687

TEXT: Ionic and ionic-covalent crystals as well as semiconducting compounds and elements were subjected to Co^{60} γ ray irradiation (0.33×10^6 r/hour) and changes in their magnetic susceptibilities, (χ), were measured. The change in χ was taken to be proportional to the change in the force acting on a sample in a nonuniform magnetic field of 10^4 oe. The force was measured with analytic balances BA-200 (VA-200) to within 0.02 mg. The susceptibilities of BaCl, KI, NaCl and KMnO_4 were not affected by irradiation. The diamagnetic susceptibilities of NaNO_3 and KNO_3 were reduced and the compounds

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Changes in the ...

S/844/62/000/000/118/129
D207/D507

were partly radiolyzed by γ rays. Large changes of χ were observed in antiferromagnetics: in α - Fe_2O_3 , Cr_2O_3 , FeCl_2 , FeCl_3 , and FeS the paramagnetic susceptibility increased to the stray ferromagnetism of radiation defects, while in Co_2O_3 and CoCl_3 the paramagnetic susceptibility decreased because of compensation of the sublattice magnetization by radiation-excited O and Cl atoms. In CuCl the diamagnetic susceptibility decreased in air (but not in vacuum) owing to the formation of paramagnetic centers in the form of CuCl_2 , or CuO and CuOCl . The diamagnetic moment of CaO , HgO , BaO and ZnO increased after irradiation owing to impurity oxygen formed by radiolysis, which strongly affected the electronic properties of these compounds. Semiconducting compounds and elements (CdSe , Ge) exhibited a rise of their diamagnetism after irradiation. The results reported are of qualitative nature but they indicate that the change in the magnetic susceptibility after irradiation can be used to obtain additional information on the nature of radiation defects. There are 7 figures and 1 table.

ASSOCIATION: Fiziko-tekhnicheskiy institut AN UzSSR (Physico-Technical Institute, AS UzSSR)

Card 2/2

BLAUNSHTEYN, I.M.

Kinetics of the radiolysis of polycrystalline BaCl_2 in a gamma-radiation field. Izv. AN Uz. SSR. Ser. fiz.-mat. nauk no.4:94-95 '61. (MIRA 14:9)

(Barium chloride crystals) (Gamma rays)

L 43716-66 EWT(m)/EWP(t)/ETI IJP(c) GG/JW/JG/JD
ACC NR: AP6030666 SOURCE CODE: UR/0166/66/000/004/0046/0049

AUTHOR: Zavadovskaya, Ye. K.; Blaunshteyn, I. M.; Timoshenko, I. M. ⁶⁵₃

ORG: Tomsk Polytechnic Institute (Tomskiy politekhnicheskii institut)

TITLE: On radiation resistance by fluorides of alkali earth metals ²⁷₂₇

SOURCE: AN UzSSR. Izvestiya. Seriya fiziko-matematicheskikh nauk,
no. 4, 1966, 46-49

TOPIC TAGS: radiation effect, radiation damage, gas absorption,
desorption, gas adsorption, *ALKALI METAL, GAMMA RAY ABSORPTION*

ABSTRACT: An investigation was made of the energy absorbed and stored by CaF_2 , SrF_2 , and BaF_2 irradiated with gamma-rays. The absorbed energy can be spent on luminescence and radiolysis due to irradiation. Considerably less energy was stored in BaF_2 than in CaF_2 (the material with the higher lattice energy). Since at equal radiation doses the amount of energy stored in CaF_2 is greater than in BaF_2 , it can be assumed that the former spends less energy on radiolysis and, consequently, accumulates fewer radiolysis products. The process of radiolysis was investigated on the basis of the absorption and desorption of gases during irradiation and annealing. The most intensive absorption of gas by CaF_2 occurred at doses up to 20 million roeptgens; saturation

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L 43716-66

ACC NR: AP6030666

was reached at larger doses. The absorption in SrF_2 was similar. The irradiation of BaF_2 was followed by gas desorption. The greatest desorption in BaF_2 was at doses of the order of 40 million roentgens. During thermal annealing of CaF_2 an induction period was first observed which was followed by gas desorption at 124C; further heating led to gas absorption at 223C and intensive gas desorption at 360C. An induction period was also first observed in SrF_2 which was followed by gas desorption at 100—120C, partial restoration of vacuum at 200—225C, and intensive gas desorption at 276C. During the annealing of BaF_2 the gas desorbed intensively at 180—200C. The quantity of desorbed gas after the annealing of an irradiated material depends on the chemical composition of the material. With a decrease in the lattice binding energy and an increase in the cation radius, the quantity of gas desorbed during annealing increases and the temperature of intensive gas desorption decreases. Orig. art. has: 3 figures and 1 table. [JA]

SUB CODE: 20/ SUBM DATE: 05Jul65/ ORIG REF: 005/ ATD PRESS: 5/4

Card 2/2 hs

BIAUS, A.; KIKANS, V., red.

[Course of technical drawing] Tehniskas raszanas kurss.
3. izdevums. Riga, Latvijas Valsts izdaba, 1964. 666 p.
[In Latvian] (MIRA 18:1)

BLAUS, A.Ya. (g.Riga)

Training and testing the method of teaching how to read plans.
Politekh.obuch. no.5:74-76 My '59. (MIRA 12:7)

1. Latvyskiy Gosudarstvennyy Universitet.
(Riga--Mechanical drawing--Instruction)

SNORE, E.; KRASTINS, E.; BLAUS, I., red.; SPORANE, V., tekhn.red.

[Bauska; guidebook for Bauska and its environs] Bauska;
turisma celvedis po Bauskas un tās apkārtni. Rīga, Latvijas
Valsts izdevniecība, 1961. 130 p. [In Latvian] (MIRA 15:2)
(Bauska District—Guidebooks)

LUKINS, O.; BLAUS, I., red.; CAKSS, J., tekhn. red.

[Seda River - Lake Burtnieki - Salaca River; guidebook]
Seda - Burtnieku ezers - Salaca; turisma celvedis. Riga,
Latvijas Valsts izdevnieciba, 1963. 58 p. (MIRA 16:5)
(Latvia--Guidebooks)

PORMANIS, I.; BLAUS, I., red.; ČAKŠS, J., tekhn. red.

[Visiting the Vidzeme seashore] Pa Vidzemes jūrmalu.
Rīga, Latvijas valsts izd-va, 1963. 76 p.

(MIRA 17:1)

(Vidzeme--Seashore)

GOL'DIN, V.; BLAUS, I., red.

[Riga; a short guidebook] Riga; kratkii spravochnik,
Riga, Latviskoe gos.izd-vo, 1963. 248 p.
(MIRA 17:4)

GOL'DIN, V.; BLAUS, I., red.

[The city of Jurmali; a concise guide] Gorod Iurmala; krat-
kii spravochnik. Riga, Latviiskoe gos.izd-vo, 1963. 67 p.
(MIRA 17:5)

BLAUS, P.[translator]; PLOTKE, I., red.; SPORANE, V., tekhn. red.

[Soviet Baltic Republics in the fraternal family of Soviet peoples; materials of the interrepublic conference] Baltijas Padomju republikas PSRS tautu braligaja saime; notikumas starprepublikaniskas apspriedes materiali. Riga, Latvijas Valsts izdevnieciba. [In Latvian] Vols. 4, 6. 1960. (MIRA 15:1)

1. Mezhhrespublikanskiy seminar-soveshchaniye na temu "Sovetskaya Pribaltika v bratskoy sem'ye narodov SSSR, Riga, 1960.
(Latvia--Economic conditions)

BLAUT, S.

Ernest Hemingway; the most read writers in the world.

p. 18 (ZOLNIERZ POLSKI) (Warszawa, Poland) No. 9, Feb. 1958

30: Monthly Index of East European Accessions (MEAI) IC Vol. 7, No. 5, 1958

L 22709-65 EWT(d) Fo-L/Pq-L/Pe-L/Pk-L/Pl-L MLK

ACCESSION NR: AT4047763

S/0000/64/000/000/0288/0297

AUTHOR: Blaut-Blachev, R. N.

TITLE: Scanning pyrometer

SOURCE: AN SSSR. Institut avtomatiki i telemekhaniki. Teoriya i primeneniye avtomaticheskikh sistem (Theory and application of automatic systems) Moscow, Izd-vo Nauka, 1964, 288-297

TOPIC TAGS: pyrometer, scanning pyrometer

ABSTRACT: The development of a scanning partial-radiation pyrometer based on measuring the blackness of a test body at a specified wavelength is reported. Essentially, the pyrometer consists (see Enclosure 1) of an optical system, a scanning unit, an electronic converter which determines isothermal points, a recorder which traces isotherms, a vertical- and horizontal-scanning unit synchronized with the scanning unit. Radiation from test field passes through objective 2, is reflected by a face of mirror drum 3, and is focused at the photocathode of photomultiplier 4 enclosed in opaque housing 5 with a port in it. The

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ACCESSION NR: AT4047763

faces of drum 3 are so inclined with respect to its axis that rotation of the drum sweeps the entire image line-by-line. The photomultiplier output signal is determined by the luminance of the test body within the scanning spot, by the test field-objective distance, the objective diameter, port diameter, spectral sensitivity, photomultiplier load, etc. If all the above factors, save temperature, remain constant during the process of scanning, then the output signal will depend only on the distribution of temperature along the scanning line. Some test results are supplied. A laboratory model tested had these characteristics: temperature range, 800—2,000C, error, $\pm 5\%$; vertical-sweep period, 0.01 sec. The temperature field was observed on an oscilloscope screen. The document is accompanied by the direction of Doctor of Technical Sciences. Orig. art. has: 6 figures and 8 formulas.

ASSOCIATION: Institut avtomatiki i telemekhaniki AN SSSR (Institute of Automation and Telemechanics, AN SSSR)

SUBMITTED: 06Jun64

ENCL: 01

SUB CODE: IE

NO REF SOV: 003

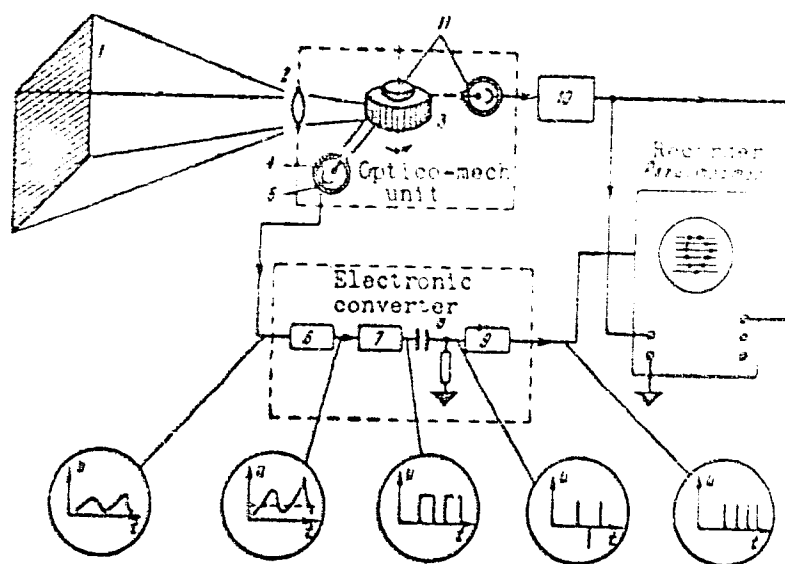
OTHER: 000

Cord 2/3

L 22709-65

ACCESSION NR: AT4047763

ENCLOSURE: D/



A photoelectric scanning pyrometer

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BLAUT-BLACHEVA, V.I.

ZHESTYANIKOV, Vladimir Mikhaylovich,; OBNOVLENSKIY, Petr Avenirovich,;
KALITA, Ye.D., inzh., retsentsent,; BLAUT-BLACHEVA, V.I., inzh., red.;
SHEYNFAYN, L.I., izd. red.; ZUDAKIN, I.N., tekhn. red.

[Technology and equipment for manufacturing radio parts and
assemblies] Tekhnologiya i oborudovanie proizvodstva detalей i
uslov radiotekhnicheskoi apparatury. Moskva, Gos. izd-vo obor.
promyshl., 1958. 251 p. (MIRA 11:12)
(Radio--Equipment and supplies)

BLAUCH, K.

"Memorable Expedition of the Tatra Voluntary First-Aid Service", 1. 11,
(TRYSTA, No. 3, Mar. 1954, Warszawa, Poland)

SO: Monthly List of East European Accessions, (SEAL), 10, Vol. 4,
No. 1, Jan. 1955, Incl.

POLAND / Chemical Technology. Chemical Products and H-23
Their Applications. Chemical Processing of
Natural Gases and Petroleum. Motor and Rocket
Fuel Lubricants.

Abs Jour: Ref Zhur-Khimiya, No 3, 1959, 9753.

Author : Blauth, T.

Inst : Not given.

Title : Organizing Production of Synthetic Aliphatic Hydrocarbons.

Orig Pub: Chemik, 1958, 11, No 4, 121-123.

Abstract: The technical-economic problems in organizing production of synthetic aliphatic hydrocarbons (an) in Poland are discussed. The best-based technology of AH synthesis is by the Fisher-Tropsch method on a Co catalyst, and Poland is almost fully

Card 1/2

BLAUTH, T.

"Domestic concrete mixers for rural construction."

p. 8 (Budownictwo Wiejskie) Vol. 9, no. 11, Nov. 1957
Warsaw, Poland

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,
April 1958

BLAUTH, T.

Our oil industry and chemistry.

P. 163. (CHEMIK) (Warszawa, Poland) Vol. 10, no. 6, June 1957

SO: Monthly Index of East European Accession (EEAI) LC Vol. 7, No. 5, 1958

BLAUTH, T.

"The technical press has to assist the crews in their generous effort."

P. 9. (BUDOWNICTWO PRZEMYSLOWE) (Warszawa, Poland) Vol. 7, no. 1, Jan. 1958

SO: Monthly Index of East European Accession (EEAI) LC Vol. 7, No. 5, 1958

BLAUTH, T.

A 3.6-ton traveling crane for farm building. p.28

(BUDOWNICTWO WIEJSKIE. Vol. 9, No. 5, May 1957. Warszawa, Poland)

SO: Monthly List of East European Accessions (EEAL) 1C, Vol. 6, No. 10, October 1957. Uncl.

BLAETH, T.

TECHNOLOGY

PERIODICAL: BUDOWNICTWO PRZEMYSLOWE. Vol 7, no. 7, July 1968

BLAETH, T. A book which will improve the building industry's policy of repairs; a book review. p. 21.

Monthly List of East European Assessments (MEM) 16, Vol 8, no. 4.
April 1969, Unclass

BLAETH, T.

TECHNOLOGY

PERIODICAL: ~~SOVIETIC TECHNOLOGY~~. Vol 7, no. 8, Aug. 1958

BLAETH, T. Gantry cranes in the building industry. p. 24.

Monthly List of East European Accessions (EEA1) LC Vol. 8, no. 4.

April 1959, Unclass.

BLAITH, T.

Building Machinery at the Poznan International Fair in 1953, p. 770.

PRZEGLAD TECHNICZNY (Naczelna Organizacja Techniczna)
Warszawa, Poland
Vol. 79, no. 16, August 1958.

Monthly list of East European Accessions Index (EEAI), LC, Vol. 7, No. 11.
November 1959
Uncl.

BLAUTH, Tadeusz, ins.

Designers use more and more various kind of new technological glass as material against mechanical defects. Przegl techn no.15:5 Ap '62.

BLAVATSKAYA, Ye.D., kand.med.nauk

Treatment of allergic and metastatic ocular tuberculosis. Trudy
Erev.med.inst. no.11:415-420 '60. (MIRA 15:11)

1. Kafedra glaznykh bolezney (zav. — prof. ~~B.N. Melik-Mikyan~~
[deceased]) Yerevanskogo meditsinskogo instituta.
(EYE—TUBERCULOSIS) (STREPTOMYCIN)

DEMIRCHOGHYAN, G.G.; BLAVATSKAYA, Ye.D.; MIRZA-AVAKYAN, I.I.;
GEVORKYAN, S.G.

Study of the effect of cysteine on some visual functions
after pigmental degeneration of the retina. Izv. AN Arm.
SSR, Biol. nauki 16 no.12:19-30 D '63. (MIRA 17:2)

1. Klinika glaznykh bolezney Yerevanskogo instituta us-
vershenstvovaniya vrachey, otdel biofiziki i bioniki AN
Armyanskoy SSR.

BLAVATNIK, V.M.; TSYGANOV, G.A.

Simultaneous electrolytic separation of chlorine and oxygen from
neutral and alkaline solutions of potassium chloride. Uzb.khim.
zhur. 6 no.1:39-44 '62. (MIRA 15:3)

1. Institut khimii AN UzSSR.
(Chlorine) (Oxygen) (Electrolysis)

BLAVATSKAYA, Ye.D., kand.med.nauk

Interrelation of glaucoma with hypertension. Trudy Erev.med.inst.
no.11:409-413 '60. (MIRA 15:11)

1. Iz glaznoy kliniki (zav. - prof. B.N.Melik-Musyan [deceased])
Yerevanskogo meditsinskogo instituta.
(HYPERTENSION) (GLAUCOMA)

DEMIRCHOGLYAN, G.G.; BLAVATSKAYA, Ye.D.; ALLAKHVERDIYAN, M.A.;
MIRZA-AVAKYAN, I.I.

Possibility of the registration and preservation of the
retinal bioelectric reaction in an enucleated human eye.
Biofizika 7 no.6:719-724 '62. (MIRA 17:1)

1. Sektor radiobiologii AN ArmSSR i Yerevanskiy gosudarstvennyy
meditsinskiy institut.

BLAYATSKAYA, Ye.D., kand.med.nauk; AVAKYAN, V.M., dotsent

Condition of the fundus oculi in the early stages of hypertension
in young persons. Oft. zhur. 16 no.1:16-20 '61. (MIRA 14:3)

1. Iz glaznoy kliniki (sav. - prof. B.N.Melik-Musyan [deceased])
i terapevticheskoy kliniki Yerevanskogo meditsinskogo instituta.
(EYE) (HYPERTENSION)

BLAVATSKAYA, Ye.D.

Use of cortisone combined with antibacterial therapy in tuberculous lesions of the eye. Zhur.eksp. i klin.med. 4 no.3:55-62 '64.
(MIRA 18:1)

1. Kafedra glaznykh bolezney Yerevanskogo instituta usovershenstvovaniya vrachey.

BLAVATSKIY, V.D.

Fortification - Primitive

Data on ancient fortification of the northern Black Sea coast
Uch. zap. Mosk. un., no. 143, 1950

BLAVATSKIY, V.D.

[Outline of military art in the ancient states of the northern
Black Sea region] Ocherki voennogo dela v antichnykh gosudar-
stvakh Severnogo Prichernomor'ia. Moskva, 1954. 158 p.

(MIRA 8:6)

(Black Sea region--Military art and science--History)

28(0)

SOV/30-59-1-46/57

AUTHORS:

Blavatskiy, V. D., Kuzishchin, V. I.

TITLE:

Submarine Investigations of the Ancient Phanagoria (Podvodnyye razvedki drevney Fanagorii)

PERIODICAL:

Vestnik Akademii nauk SSSR, 1959, Nr 1, pp 130-131 (USSR)

ABSTRACT:

During the summer of the past year the Institut istorii material'noy kultury Akademii nauk SSSR (Institute for the History of Material Culture of the Academy of Sciences USSR) carried out archeological submarine investigations in the Kerch' straits and the northern coast of the Black Sea. Studies were carried out by a team of submarine archeologists, professors and students of the faculty of history of Moscow University as well as the Moskovskiy energeticheskiy institut (Moscow Power Engineering Institute) (Ref 1). The bottom of the sea was investigated in depths of from 2-3 to 25 m near Cape Takil', the Kyzaulskiy lighthouse, the Zheleznyy Rog Cape, the sand banks Mariya Magdalina, Anapa, Gursuf (near the Adolar Stones) and in the bay of Yevpatoriya. The main task of the archeologists was the investigation of the sea floor of the Tamanskaya bay near the ancient city of Phanagoria as well as the drawing-up of a plan of the flooded parts of the antique city

Card 1/2

SOV/30-59-1-46/57

Submarine Investigations of the Ancient Phanagoria

(compare with figure). In some parts investigations had already been carried out earlier, as can be seen from the papers by K. K. Gerts and V. D. Blavatskiy (Ref 2). The area of the flooded parts of the city of Phanagoriya covers about 15 hectares. According to the excavations carried out in 1936-1940 (Ref 3) the entire area of the city may be assumed to have amounted to 50 hectares. There are 1 figure and 3 Soviet references.

Card 2/2

BLAVATSKIY, V.Ya.

Ultraviolet irradiation of the pharynx of carriers of scarlet fever
and diphtheria bacteria. *Pediatrics* no.6:56-59 N-D '53.

(MLRA 7:1)

(Ultraviolet rays) (Scarlet fever--Prevention)

(Diphtheria--Prevention)

BLAVATSKIY, V.Ya.

Result of organizing therapeutic activities at a beach. Vop.kur.
fizioter. i lech.fiz.kul't no.2:62-65 Ap-Je '55. (MLRA 8:8)

1. Iz Tsentral'nogo gursufskogo sanatoriya Ministerstva oborony
SSSR

(THALASOTHERAPY,
organis.)

BLAVATSKIY, V.Ya., polkovnik meditsinskoy sluzhby

Portable quartz mercury vapor lamp. Voen.-med. zhur. no.9:64-65

S '55.

(MIRA 9:9)

(ULTRAVIOLET RAYS--APPARATUS AND SUPPLIES)

possible to use this method to early diagnosis of patients
(Hogbin)

BLAVDZEVICH, G. N.

Bladzevich, G. N.

"Investigation of the Operation of a Synchronous Generator with Ionic Self-Excitation with Asymmetrical Loads." Min Higher Education USSR. Kiev Order of Lenin Polytechnic Inst. Chair of Electrical Machinery. Kiev, 1955. (Dissertation for the Degree of Candidate in Technical Sciences).

SO: Knizhnaya Letopis', No. 27, 2 July 1955.

BLAVDZEVICH, G. O.; SOKOLOVS'KA, I. G.; GOLUB, M. F.; ANCHEVS'KA, M. S.

"Experiments on the Application of Alcohol Vaccine for Treating Children
With Chronic Dysentery," Pediatrics, Akusherstvo i Ginekologiya, Vol 2, 1952, p 17.

BLAVKA, J.

A new finishing frame for silon knit goods.

P. 217, (Textil) Vol. 12, no. 6, June 1957, Praha, Czechoslovakia

SO: Monthly Index of East European Acessions (EEAI) Vol. 6, No. 11 November 1957

STOLZMANN, Z.; BLAWACKA, A.; ROTH, Z.

~~STOLZMANN, Z.~~
Liver and muscle glycogen in normal nutrition and following starvation in mice. Acta physiol. polon. 5 no.4:623-624 1954.

1. Z Zakladu Chemii Fizjologicznej w Poznaniu. Kierownik: prof. dr Z.Stolsmann.

(MUSCLES, metabolism,
glycogen, in normal nutrition & starvation in mice)
(LIVER, metabolism,
glycogen, in normal nutrition & starvation in mice)
(GLYCOGEN, metabolism,
liver & musc., in normal nutrition & starvation in mice)
(FASTING, effects,
on liver & musc. glycogen in mice)

BLAWACKA, M.

SCIENCE

PERIODICALS: ROCZNIKI CHEMII, Vol. 31, No. 2, 1957

BLAWACKA, M. The oxidation of As_2O_3 with atmospheric oxygen at various temperatures in the presence of one- and multicomponent catalyzers.
p. 481.

Monthly list of East European Accessions (EEAI) LC, Vol. 8, No. 4,
April 1959, Unclass.

Elm...

COUNTRY : Poland B-9
 CATE. ORG :
 AUTH. NO. : POLYhim., No. 14 1959, No. 48230
 AD. NO. : 1959, A., Blawacka, M., and Markowska, K.
 TITLE : Not given
 : Gold as a Promoter and Inhibitor in Catalytic Redox Reactions
 ORIG. PUB. : Roczniki Chem, 32, No 3, 679-680 (1958)
 ABSTRACT : Au(3+) ions have a promoting effect on the catalytic oxidation of As_2O_3 by atmospheric oxygen in the presence of $Cu(OH)_2$ and on the decomposition of H_2O_2 in the presence of $Mg(OH)_2$. In the catalytic oxidation of Indigo Carmine in H_2O_2 solution in the presence of $Mg(OH)_2$, the adsorption of Au(3+) on the surface of the latter has an inhibiting effect.
 M. Sakharov

CARD: 1/1

3-48

BLAWACKA M.

POLAND / Human and Animal Physiology. Carbohydrate Metabolism.

T

Abs Jour : Ref Zhur - Biol., No 15, 1958, No. 69811

Author : Stolzmann, Z.; Blawacka, M.; Roth, Z.

* Inst : Not given

Title : Liver and Muscle Glycogen in Normally-Fed Mice

Orig Pub : Bull. Soc. amis sci. et lettres Poznan, 1956, C, No 6,
51-70

Abstract : Determinations were made of the content of glycogen (G)
in the liver and muscles of healthy mice receiving a normal
generous diet. The G content of the liver, even under
normal maintenance conditions of the animals, varied within
wide limits. The glycogen content of muscles was more
stable. -- Yu. F. Udalov

* *Inst. of Physiological Chemistry of the Acad. of Med. in Poznan, Poland.*

Card 1/1

POLAND / Human and Animal Physiology. Carbohydrate Metabolism.

T

Abs Jour : Ref Zhur - Biol., No 15, 1958, No. 69812

Author : Stolzmann, Z.; Blawacka, M.; Roth, Z.

Inst : ~~Not given~~ INST. OF PHYSIOLOGICAL LABORATORY OF THE ACAD. OF MED. IN POZNAN, POLAND.

Title : Changes in the Glycogen Content in the Liver and Muscles of Mice during Starvation

Orig Pub : Bull. Soc. amis sci. et lettres Poznan, 1956, C, No 6, 71-82

Abstract : Mice were starved from one to 24 hours. In the first hours of starvation, the liver glycogen content fell in all animals; by the 8th to 24th hour, it rose. Changes in glycogen content in the skeletal muscles were negligible. --
Ya. A. Lazaris

Card 1/1

21

HORE-MACIEJEWSKA, Maria, BLAWAOKA, Maria, ROTH, Zofia

Recent experiments in the oral treatment of diabetes with H_1 -sulfanilyl
- H_2 -butyl urea preparations. Polski tygod. lek. 13 no.8:282-288
24 Feb 58

1.2 III Kliniki Chorob Wewnętrznych Akademii Medycznej w Poznaniu
kierownik: prof. F. Labudzinski, i w Zakładzie Chemii Fizjologicznej
Akademii Medycznej w Poznaniu kierownik: prof. Edzislav Stolsmann.
(ANTIDIABETICS, ther. use
carbutamide (Pol))

BLAWAT, F.

~~CONFIDENTIAL~~
Investigations on the biologic method of deoxygenation of anaerobic bacteria cultures. Med.dow.Mikrob. 2 no.2:251-252 1950.

(CIME 20:6)

1. Summary of the report given at 10th Congress of the Polish Microbiological and Epidemiological Society held in Gdansk, Sept. 1949. (Gdansk.)

BLAWAT, F.

Agglutination of *Pasteurella septica* by anti-*Brucella* serums.
p. 67-71; Russian transl. p. 72-75; English transl. Bull. State Inst.
Marine Trop. M. Gdansk 4 no.1:75-77 1952. (CML 22:3)

1. Of the State Institute of Marine and Tropical Medicine in Gdansk.

BLAWAT, F.

Studies on agglutination of Pasteurella septica by anti-Brucella sera.
Bull. State Inst. Marine Trop. M. Gdansk 4 no. 2:p 169-181; Russian
transl. p. 181- ; English transl. p. 186-189 1952. (CLML 22:5)

1. Of the State Institute of Marine and Tropical Medicine in Gdansk.

KOZAR, Z.; WYSOCKA, F.; BIAWAT, F.

~~Observations on 97 cases~~
Evaluation of diagnostic methods in symptomatic and in latent trichinosis
in human subjects; observations on 97 cases. Bull. State Inst. Marine
Trop. M. Gdansk 4 no.3:361-372; Russian transl: 373-376; English transl:
376-378 1952. (GLML 23:4)

1. Of the State Institute of Marine and Tropical Medicine, Gdansk.

BLAZAT, P.

Occurrence of brucellosis in veterinary surgeons and in auxiliary
veterinary personnel. English & Russian transl. Bull. Inst. Marine
Trop. M. Gdansk 4 no. 4:444-451 1952. (CJML 24:1)

1. Of the State Institute of Marine and Tropical Medicine in Gdansk
and of the Institute of Microbiology of Gdansk Medical Academy.

BLAWAT, F.

Further observations on Brucella infections in auxiliary veterinary personnel. Bull. Inst. Marine Trop. M.Gdańsk 6:99-109 1955.

1. Z Państwowego Instytutu Medycyny Morskiej i Tropikalnej w Gdańsku.

(BRUCELLOSIS,

occup. in veterinary personnel)

(OCCUPATIONAL DISEASES,

brucellosis in veterinary personnel)

(MEDICINE, VETERINARY,

brucellosis in veterinarians)

BLAWAT, F.

~~XXXXXXXXXX~~
Effect of killed and living Pasteurella pestis vaccines on bacteriotropins in rabbits; attempted evaluation of antigenic properties of vaccines. Bull. Inst. Marine Trop. M.Gdańsk 6:111-130 1955.

1. Z Państwowego Instytutu Medycyny Morskiej i Tropikalnej w Gdansk.

(VACCINES AND VACCINATION,

plague vaccine, killed & living, antigenic properties)

(PLAGUE, immunology,

vaccine, killed & living antigenic properties)

BIAWAT, Franciszek

Studies on the localisation of *Clostridium tetani* in the
organism of experimentally-infected laboratory animals.
Postepy hig. med. dosw 14 no.1:51-79 '60.

1. Z instytutu Medycyny Morskiej w Gdansk, Dyrektor: doc.
dr Z. Bucowski.
(TETANUS exper.)

BLAWAT, F.; CHYLINSKI, G.; WROBLEWSKA, W. (Gdansk)

Virulent bacilli and tetanus spores in specimens of soil and dust
in the Danzig-Zoppot area. Roczniki nauki wet 70 no.1/4:298-299
'60. (EEAI 10:9)

(Bacillus) (Tetanus) (Soils) (Dust)

BLAWAT, F.; CHYLINSKI, G.; AFTANAS, A. (Gdansk)

Pathogenic Clostridia in the soil and feces of domestic animals near
Danzig. Roczn. nauk roln. wet 70 no.1/4:299 '60.

(KEAI 10:9)

(Soils) (Domestic animals) (Feces) (Clostridium)

BLAWAT, Franciszek; ZAWISTOWSKI, Stanislaw; KOWALSKA, Zyta.

Cytochemical studies of vaccinia-virus-infected cells.

I. Activity of some enzymes in vaccinia-virus-infected FL cells of the human amnion. Bull. inst. mar.med. Gdansk 15 no.1:5-13 '64

Cytochemical studies on the activity of succinic dehydrogenase in poliovirus-infected HeLa and FL cells. Ibid.:15-21

1. From the Institute of Marine Medicine in Gdansk and the Department of Histology and Embryology, Medical Academy in Gdansk.

*

BLAWAT, Franciszek; KWIATKOWSKI, Bartłomiej. Współpracownicy: KOWALSKA, Zyta; TAYLOR, Karol; TAYLOROWA, Alina.

Laboratory diagnosis of smallpox at the Institute of Marine Medicine in Gdansk during the 1963 epidemic. Bull. inst.mar. med. Gdansk 15 no.1:23-28 '64.

1. Z Instytutu Medycyny Morskiej w Gdansku.

*

BLAWAT, Franciszek; ZAWISTOWSKI, Stanislaw; KOWALSKA, Zyta.

Cytochemical studies of vaccina-virus-infected cells. II. Activity of some enzymes in vaccina-virus-infected cultures of mouse L fibroblasts, Clone 929. Bull. Inst. Mar. Med. Gdansk 15 no.3:125-129 '64

1. From the Institute of Marine Medicine in Gdansk, and from the Department of Histology and Embryology, Medical Academy of Gdansk.

BLAWAT, Franciszek; ZAWISTOWSKI, Stanislaw; KOWALSKA, Zyta; TOWIANSKA,
Hanna

Cytochemical studies of vaccinia-virus-infected cells. III. Further studies on the activity of oxidative enzymes in vaccinia-virus-infected cultures of FL and L cells. Bull. inst. mar. med. Gdansk 16 no.1:7-20 '65.

1. From the Institute of Marine Medicine in Gdansk and from the Department of Histology and Embryology, the Medical Academy in Gdansk.

BLAWAT, Franciszek; KWIATKOWSKI, Bartlomiej; BARGANSKA, Brygida

Electron microscopic examination of lesions on chick-embryo
chorio-allantoic membranes inoculated with poxvirus. Bull.
inst. mar. med. Gdansk 16 no.1:21-25 '65.

1. From the Institute of Marine Medicine in Gdansk.

BLAWAT, Franciszek; ZAWISTOWSKI, Stanislaw; KOWALSKA, Zyta; TOWIANSKA, Anna

Cytochemical studies of vaccinia-virus -infected cells. Pt.4.
Bull. Inst. Mar. Med. Gdansk 16 no.3/4:139-146 '65.

1. From the Institute of Marine Medicine in Gdansk and from
the Department of Histology and Embryology, the Medical
Academy in Gdansk

BLAWAT, Franciszek; KOWALSKA, Zyta

Investigations in vitro on the influence of some amoebae on survival of virus poliomyelitis. Bull. inst.mar.med.Gdansk 14 no.1:15-24 '63

1. From the Institute of Marine Medicine in Gdansk.

*

BLAWATSKA, M.

POLAND / Physical Chemistry. Kinetics, Combustion,
Explosions, Topochemistry, Catalysis.

B

Abs Jour: Ref Zhur-Khimiya, No 18, 1958, 60251.

Author : Alfons Krause, Stanislaw Zielinski, Maria Blawatska.

Inst : -

Title : Oxidation of As_2O_3 by Oxygen from Air at Various
Temperatures in Presence of Mono- and Multicom-
ponent Catalysts.

Orig Pub: Roczn. Chem., 1957, 31, No 2, 481-488.

Abstract: It was found that the rate of As_2O_3 (I) oxidation
by oxygen from the air in the presence of $Cu(OH)_2$
(II) at 30-50° rises with the temperature rise.

Card 1/2

POLAND / Physical Chemistry, Kinetics, Combustion,
Explosions, Topochemistry, Catalysis.

B

Abs Jour: Ref Zhur-Khimiya, No 18, 1958, 60251.

Abstract: It is shown that should new portions of I (solid or solute) be added during the reaction, the catalyst would act more regularly and a greater yield of reaction products per unit of catalyst mass would be obtained. The authors receive still more effective catalysts at the activation of II with other hydroxides (AgOH, Au(OH)₃, Mn(OH)₂, Co(OH)₂, Ni(OH)₂ and Mg(OH)₂. 3-component catalysts were also studied, and [II/AgOH + Co(OH)₂] proved to be the best among them.

Card 2/2

Country : POLAND

E

Category: Analytical Chemistry. Analysis of Inorganic Substances

Abs Jour: RZhKhim., No 17, 1959, No. 60584

Author : Sierierska, J.; Dlawit, N.

Inst : -

Title : Chemical Analyses of the Cupola Furnace Slags

Orig Pub: Prace Inst. odlewn., 1958 (1959), 8, No 1-58, 71-80

Abstract: Discussed are problems involved in the sampling and treatment of the cupola furnace slags (C.S.) for analyses. Presented is the routine for a complete analysis of C.S. According to this routine, SiO_2 is determined gravimetrically (usual method) after dissolving a sample in a mixture of HBr-

Card : 1/2

Country : POLAND

E

Category: Analytical Chemistry. Analysis of Inorganic Substances

Abs Jour: RZhKhim., No 17, 1959, No. 60584

$\text{-Br}_2 \cdot \text{Al}_2\text{O}_3$ is also determined gravimetrically by precipitation with ammonium benzoate in the presence of $\text{Fe}(2+)$ -salts. The total Fe content is determined photometrically with the aid of KSCN. MnO is determined also photometrically in a form of MnO_4^- . MgO and CaO are determined titrimetrically after their precipitation as oxyquinolate and oxalate respectively. The developed methods were compared on the basis of rapidity and exactness with the methods of Polish Standards.

Card : 2/2

E-30

BLAYER, I. L., inzh.

Problems of reliable automatic screwing down of threaded
parts. Vest. mashinostr. 42 no.12:44-47 D '62.
(MIRA 16:1)

(Screwdrivers)

BLAYER, I.L., inzh.

Precise and reliable operation of claw safety clutches in
assembling threaded joints. Vest.mashinost. 44 no.12:44-48
D '64. (MIRA 18:2)

BLAYER, Yu.

Original semiautomatic machine. Mest.prom.i khud.promys. 2 no.8:
33 Ag '61. (MIRA 14:9)

3. Nachal'nik remontno-mekhanicheskogo uchastka fabriki imeni
Klary TSetkin, Leningrad.
(Labeling machines)

BLAYEVA, Fusa Karachayevna

[Hygiene for the eye] Gigiena organa zreniia. Mal'chik,
Kabardino-Balkarskoe knizhnoe izd-vo, 1957. 37 p. (MIRA 13:4)
(EYE--CARE AND HYGIENE)

BLAYEVA, F.K., kand. med. nauk, dotsent

Eye traumatism and its prophylaxis in agriculture. Uch. zap.
Kab.-Balk. gos. un. no.12:277-286 '62. (MIRA 16:6)

(~~EYE~~—WOUNDS AND INJURIES)
(~~EYE~~—PROTECTION)

IVANOV, Viktor Gavrilovich, inzh.; DAVIDOV, Pavel Semenovich, inzh.; BLAY-
VAS, Leonid Abramovich, inzh.; LOSS', Pavel Moiseyevich, inzh.; KHA-
CHATUROV, V.V., red.; LAVRENOVA, N.B., tekhn. red.

["Donets" marine radar station] Sudovaia radiolokatsionnaia stantsia
"Donets." By V.G.Ivanov i dr. Moskva, Izd-vo "Morskoi transport,"
1961. 130 p. (MIRA 14:10)

(Radar in navigation)